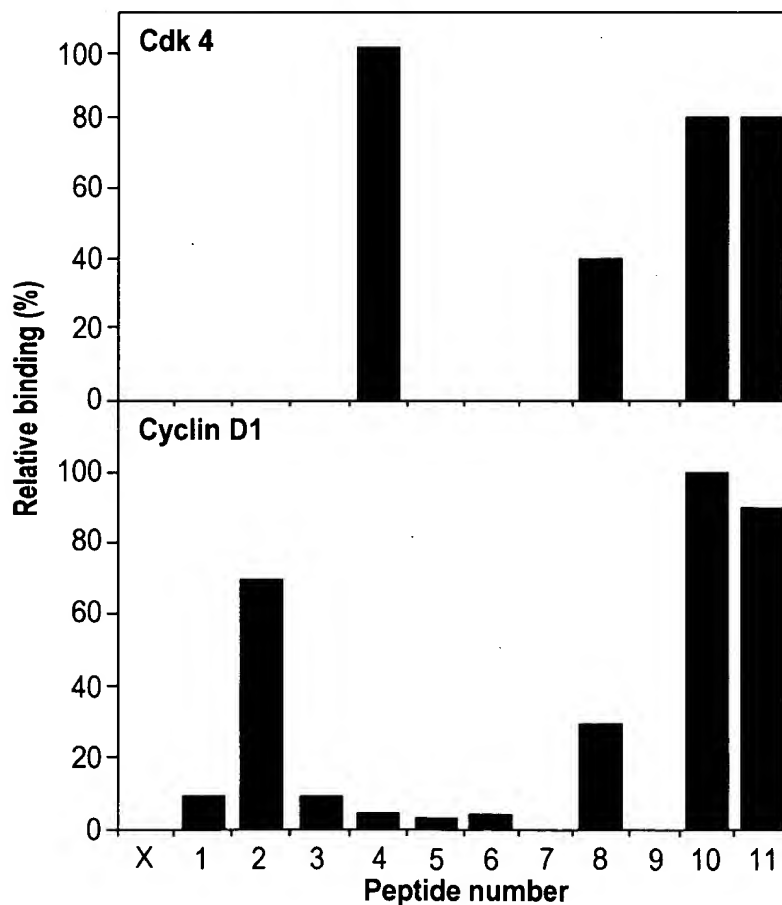
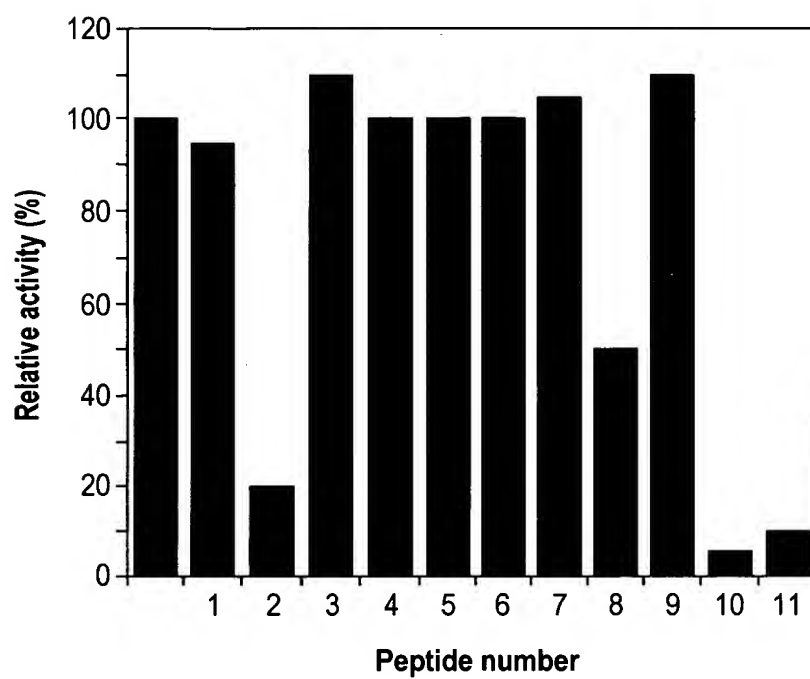


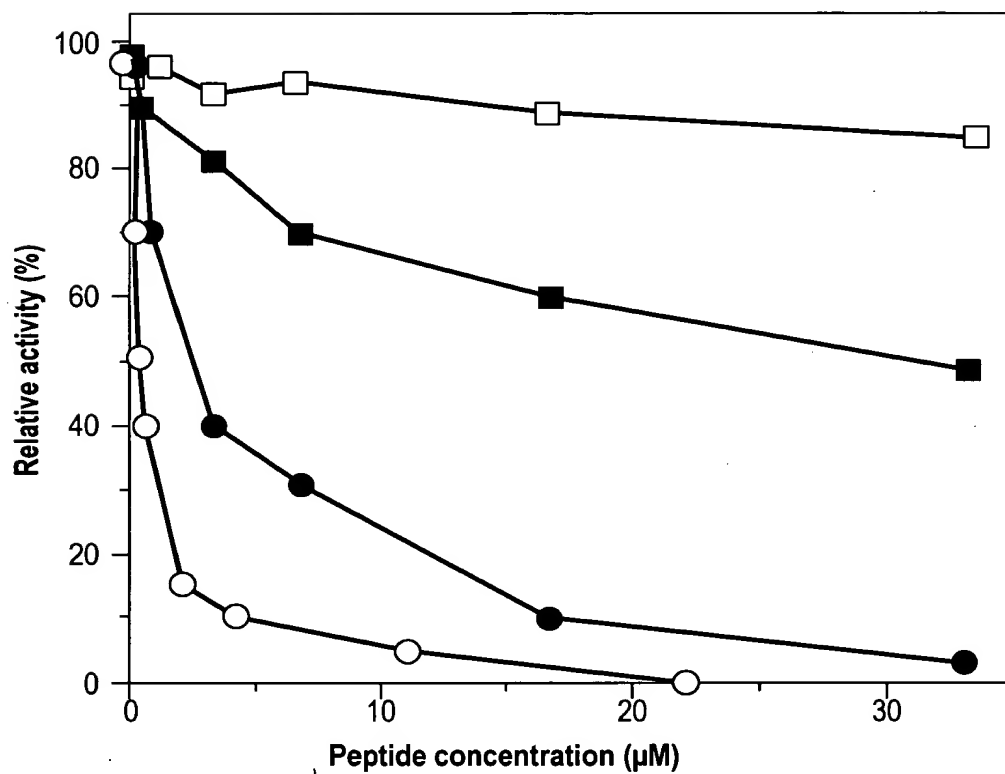
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| | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Peptide 1. | M | S | E | P | A | G | D | V | R | Q | N | P | C | G | S | K | A | C | R | R |
| Peptide 2. | K | A | C | R | R | L | F | G | P | V | D | S | E | Q | L | S | R | D | C | D |
| Peptide 3. | S | R | D | C | D | A | L | M | A | G | C | I | Q | E | A | R | E | R | W | N |
| Peptide 4. | R | E | R | W | N | F | D | F | V | T | E | T | P | L | E | G | D | F | A | W |
| Peptide 5. | G | D | F | A | W | E | R | V | R | G | L | G | L | P | K | L | Y | L | P | T |
| Peptide 6. | L | Y | L | P | T | G | P | R | R | G | R | D | E | L | G | G | G | R | R | P |
| Peptide 7. | G | G | R | R | P | G | T | S | P | A | L | L | Q | G | T | A | E | E | D | H |
| Peptide 8. | A | E | E | D | H | V | D | L | S | L | S | C | T | L | V | P | R | S | G | E |
| Peptide 9. | P | R | S | G | E | Q | A | E | G | S | P | G | G | P | G | D | S | Q | G | R |
| Peptide 10. | K | R | R | Q | T | S | M | T | D | F | Y | H | S | K | R | R | L | I | F | S |
| Peptide 11. | T | S | M | T | D | F | Y | H | S | K | R | R | L | I | F | S | K | R | K | P |

Fig. 1A*Fig. 1B*

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| Peptide number | $I_{0.5}$ |
|----------------|---------------------|
| 4 (□) | - |
| 8 (■) | >34.0 μM |
| 2 (●) | 2.0 μM |
| 10 (○) | 0.1 μM |

Fig. 3

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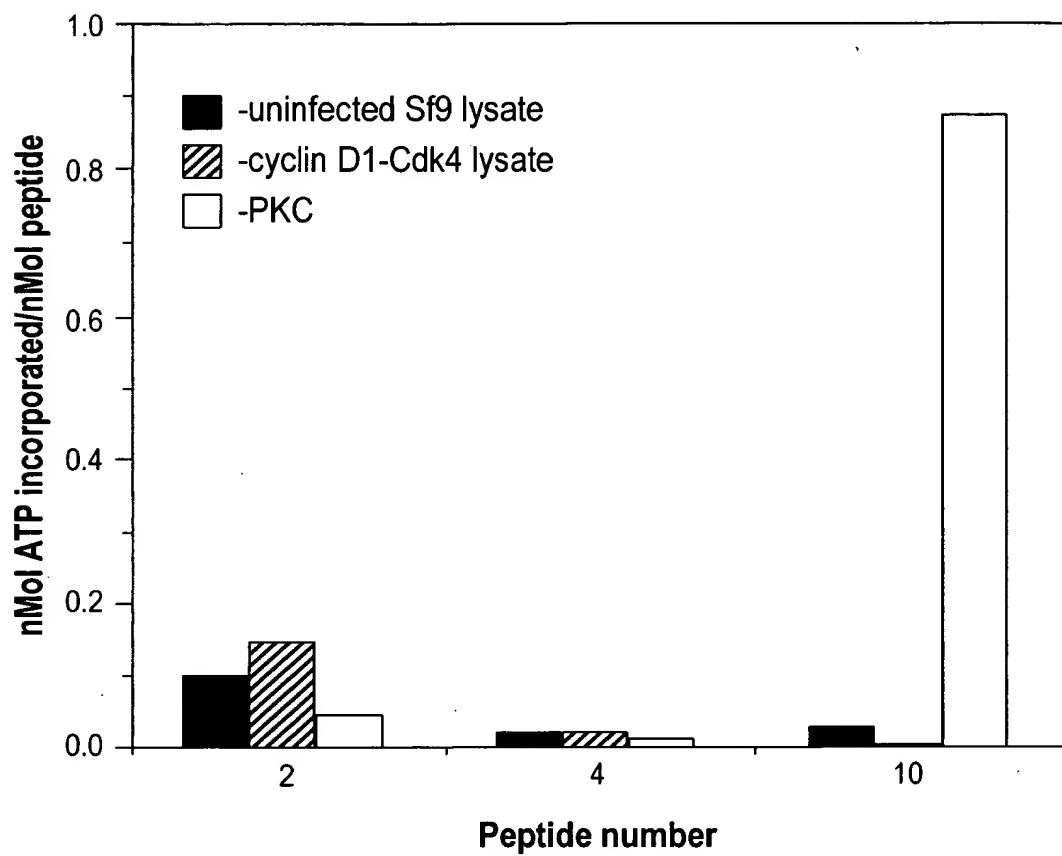


Fig. 4

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a - PRSGEQAEGSPGGPGDSQGR
b - EQAEGSPGGPGDSQGRKRRQ
c - GSPGGPGDSQGRKRRQTSMT
d - GPGDSQGRKRRQTSMTDFYH
e - SQGRKRRQTSMTDFYHSKRR
peptide 10 - KRRQTSMTDFYHSKRRLIFS
f - TSMTDFYHSKRRLIFSKRKP
g - DFYHSKRRLIFSKRKP

Fig. 5

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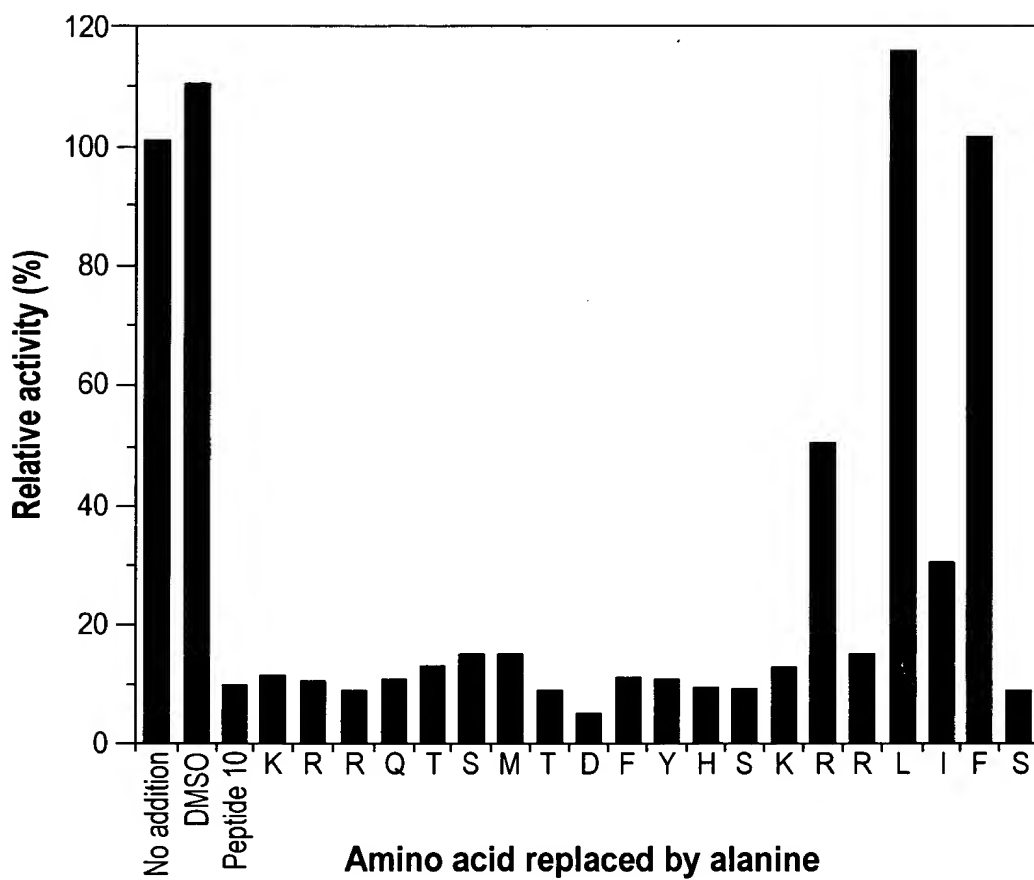
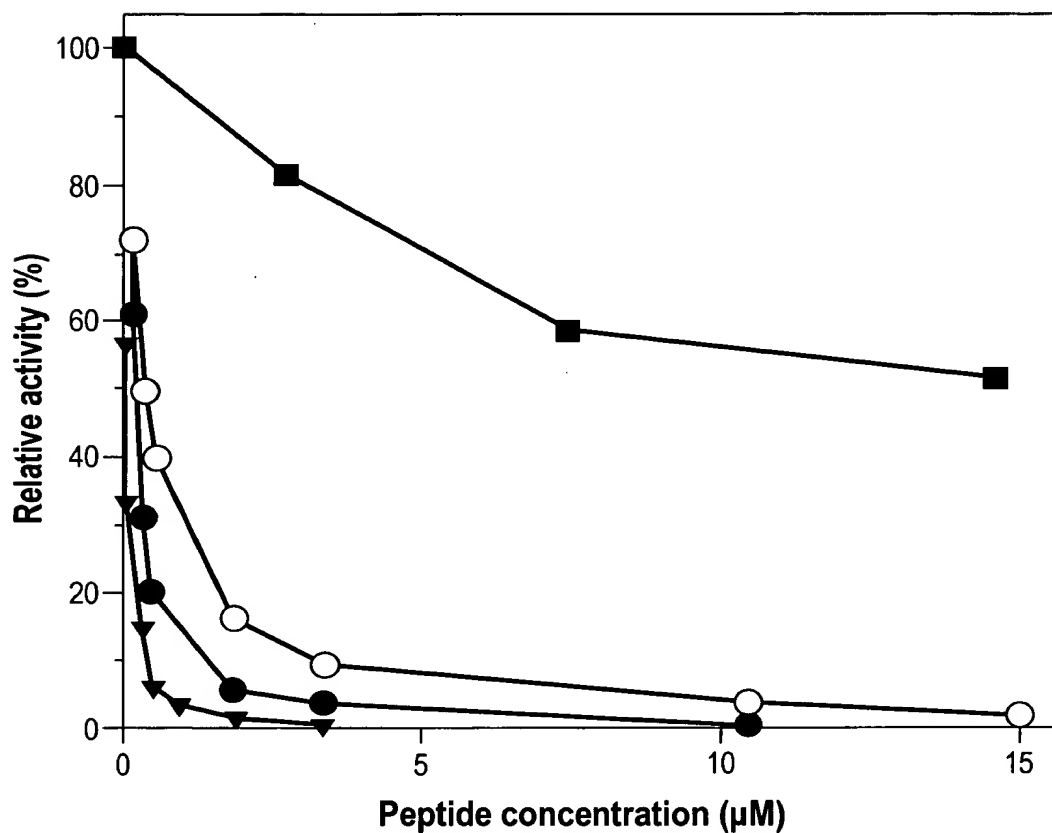


Fig. 6

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| Peptide/protein | $I_{0.5}$ |
|-------------------------------------|-----------|
| p16 ^{INK4} -peptide (■) | 16.3 μM |
| 10 (○) | 0.1 μM |
| Asp→Ala mutant (●) | 46 nM |
| Full-length p21 ^{WAF1} (▼) | 11 nM |

Fig. 7

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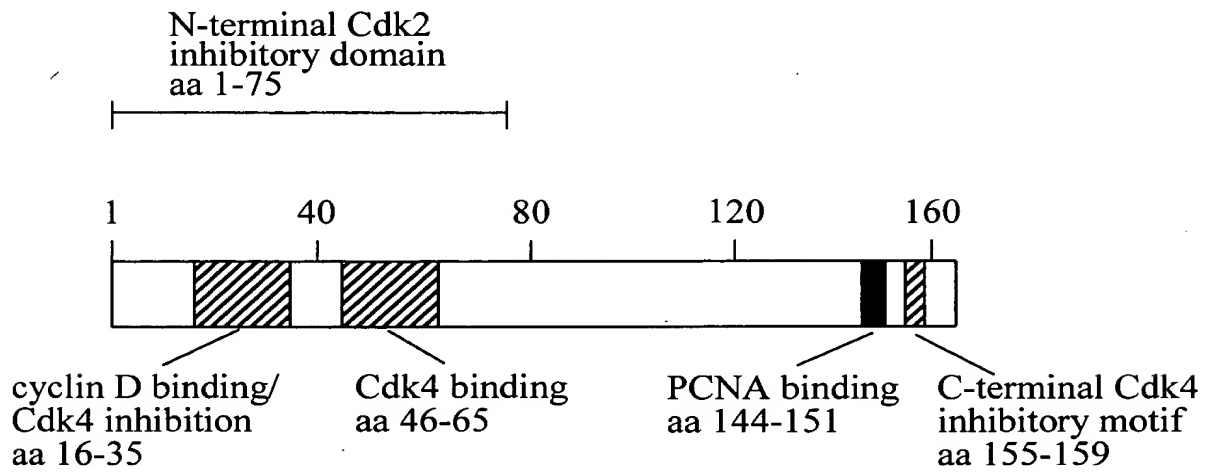
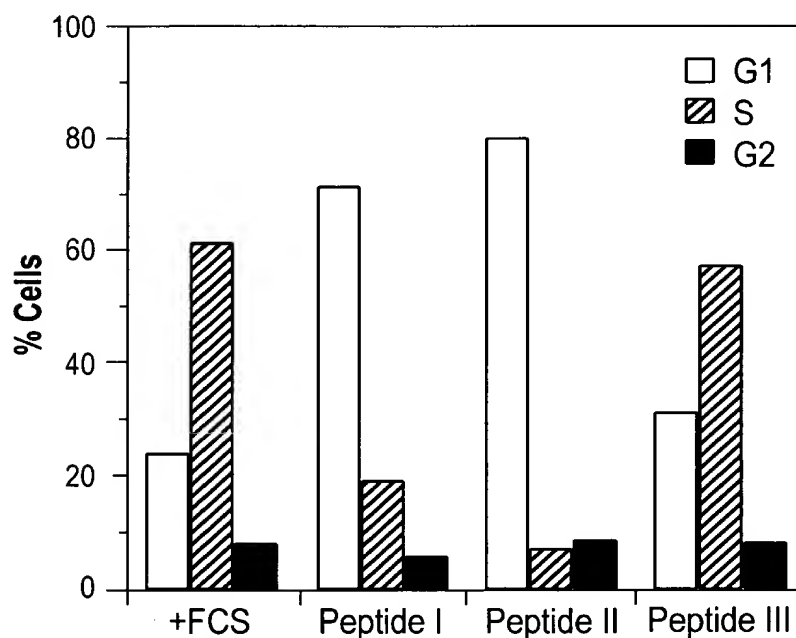


Fig. 8

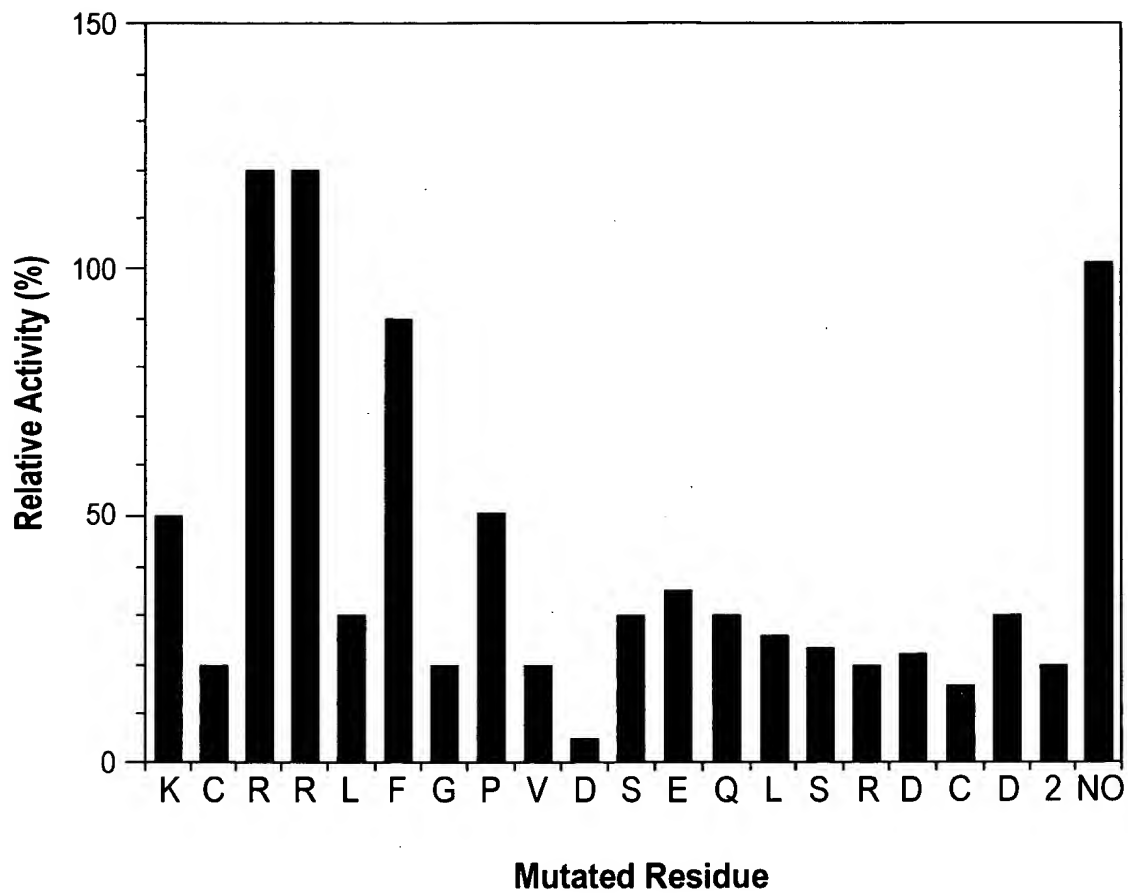
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Peptide I KRRQTSATDFYHSKRRLIFS**RQIKIWFQNRRMKWKK**Peptide II KRRLIFS**KRQIKIWFQNRRMKWKK**Peptide III RQTSMTDFYHSKR**RQIKIWFQNRRMKWKK***Fig. 9A**Fig. 9B*

| Phase | Cell-cycle distribution (%) | | | |
|-------|-----------------------------|-----------|---------|-----------|
| | MRC5 | | MCF7 | |
| | Control | Peptide I | Control | Peptide I |
| G1 | 37 | 66 | 42 | 68 |
| S | 38 | 14 | 36 | 16 |
| G2/M | 16 | 13 | 12 | 10 |

Fig. 9C

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*Fig. 10*